

TAPE AND REEL INFORMATION

QUADRANT ASSIGNMENTS FOR PIN 1 ORIENTATION IN TAPE


*All dimensions are nominal

| Device | Package Type | Package Drawing | Pins | SPQ | Reel Diameter (mm) | Reel Width W1 (mm) | A0 (mm) | B0 (mm) | K0 (mm) | P1 (mm) | W (mm) | Pin1 Quadrant |
|-----------------|--------------|-----------------|------|------|--------------------|--------------------|---------|---------|---------|---------|--------|---------------|
| SN74LV165ABQBR | WQFN | BQB | 16 | 3000 | 180.0 | 12.4 | 2.8 | 3.8 | 1.2 | 4.0 | 12.0 | Q1 |
| SN74LV165ADBR | SSOP | DB | 16 | 2000 | 330.0 | 16.4 | 8.35 | 6.6 | 2.4 | 12.0 | 16.0 | Q1 |
| SN74LV165ADGVR | TVSOP | DGV | 16 | 2000 | 330.0 | 12.4 | 6.8 | 4.0 | 1.6 | 8.0 | 12.0 | Q1 |
| SN74LV165ADR | SOIC | D | 16 | 2500 | 330.0 | 16.4 | 6.5 | 10.3 | 2.1 | 8.0 | 16.0 | Q1 |
| SN74LV165ADR | SOIC | D | 16 | 2500 | 330.0 | 12.4 | 3.75 | 3.75 | 1.15 | 8.0 | 12.0 | Q1 |
| SN74LV165ADRG3 | SOIC | D | 16 | 2500 | 330.0 | 16.8 | 6.5 | 10.3 | 2.1 | 8.0 | 16.0 | Q1 |
| SN74LV165ADRG4 | SOIC | D | 16 | 2500 | 330.0 | 16.4 | 6.5 | 10.3 | 2.1 | 8.0 | 16.0 | Q1 |
| SN74LV165ANSR | SO | NS | 16 | 2000 | 330.0 | 16.4 | 8.2 | 10.5 | 2.5 | 12.0 | 16.0 | Q1 |
| SN74LV165APWR | TSSOP | PW | 16 | 2000 | 330.0 | 12.4 | 6.9 | 5.6 | 1.6 | 8.0 | 12.0 | Q1 |
| SN74LV165APWR | TSSOP | PW | 16 | 2000 | 330.0 | 12.4 | 6.85 | 5.45 | 1.6 | 8.0 | 12.0 | Q1 |
| SN74LV165APWR | TSSOP | PW | 16 | 2000 | 330.0 | 12.4 | 6.9 | 5.6 | 1.6 | 8.0 | 12.0 | Q1 |
| SN74LV165APWRG3 | TSSOP | PW | 16 | 2000 | 330.0 | 12.4 | 6.85 | 5.45 | 1.6 | 8.0 | 12.0 | Q1 |
| SN74LV165APWRG4 | TSSOP | PW | 16 | 2000 | 330.0 | 12.4 | 6.9 | 5.6 | 1.6 | 8.0 | 12.0 | Q1 |
| SN74LV165APWRG4 | TSSOP | PW | 16 | 2000 | 330.0 | 12.4 | 6.9 | 5.6 | 1.6 | 8.0 | 12.0 | Q1 |
| SN74LV165ARGYR | VQFN | RGY | 16 | 3000 | 330.0 | 12.4 | 3.8 | 4.3 | 1.5 | 8.0 | 12.0 | Q1 |

TAPE AND REEL BOX DIMENSIONS


*All dimensions are nominal

| Device | Package Type | Package Drawing | Pins | SPQ | Length (mm) | Width (mm) | Height (mm) |
|-----------------|--------------|-----------------|------|------|-------------|------------|-------------|
| SN74LV165ABQBR | WQFN | BQB | 16 | 3000 | 210.0 | 185.0 | 35.0 |
| SN74LV165ADBR | SSOP | DB | 16 | 2000 | 356.0 | 356.0 | 35.0 |
| SN74LV165ADGVR | TVSOP | DGV | 16 | 2000 | 356.0 | 356.0 | 35.0 |
| SN74LV165ADR | SOIC | D | 16 | 2500 | 340.5 | 336.1 | 32.0 |
| SN74LV165ADR | SOIC | D | 16 | 2500 | 340.5 | 336.1 | 32.0 |
| SN74LV165ADRG3 | SOIC | D | 16 | 2500 | 364.0 | 364.0 | 27.0 |
| SN74LV165ADRG4 | SOIC | D | 16 | 2500 | 340.5 | 336.1 | 32.0 |
| SN74LV165ANSR | SO | NS | 16 | 2000 | 356.0 | 356.0 | 35.0 |
| SN74LV165APWR | TSSOP | PW | 16 | 2000 | 356.0 | 356.0 | 35.0 |
| SN74LV165APWR | TSSOP | PW | 16 | 2000 | 366.0 | 364.0 | 50.0 |
| SN74LV165APWR | TSSOP | PW | 16 | 2000 | 353.0 | 353.0 | 32.0 |
| SN74LV165APWRG3 | TSSOP | PW | 16 | 2000 | 366.0 | 364.0 | 50.0 |
| SN74LV165APWRG4 | TSSOP | PW | 16 | 2000 | 356.0 | 356.0 | 35.0 |
| SN74LV165APWRG4 | TSSOP | PW | 16 | 2000 | 356.0 | 356.0 | 35.0 |
| SN74LV165ARGYR | VQFN | RGY | 16 | 3000 | 356.0 | 356.0 | 35.0 |